A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01N33/58 C12Q1/68

C07H21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{lll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{G01N} & \mbox{C12Q} & \mbox{C07H} \\ \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, EMBASE, BIOSIS, MEDLINE

| C. DOCUM | ENTS CONSIDERED TO BE RELEVANT | | |
|---|--|---|--|
| Category * | Citation of document, with indication, where appropriate, of the | e relevant passages | Relevant to daim No. |
| X Y | DE 196 19 373 A (HOECHST AG) 20 November 1997 (1997-11-20) the whole document, in particular lines 21-45; Figure 1 | lar col. 3, | 1-12, 19-22 13-17, 23,24, 26-32 |
| X | WO 00 23458 A (THE BOARD OF TRI THE LELAND STANFORD JUNIOR UNI 27 April 2000 (2000-04-27) page 3, line 33 -page 6, line page 11, line 26 -page 13, line | VERSITY) 4 e 3 | 1-12, 19-22 |
| Y | page 15, line 28 -page 16, line | e 5 | 23,24, 26-32 |
| x | DE 197 41 716 A (HOECHST AG) 25 March 1999 (1999-03-25) figures 1-4 | -/ | 1-12, 19-22 |
| χ Fur | ther documents are listed in the continuation of box C. | Patent family members are listed | in annex. |
| Special c A docum consi E earlier filing L docum which citati O docum other P docum later | entegories of cited documents: nent defirring the general state of the art which is not dered to be of particular relevance document but published on or after the international date end which may throw doubts on priority claim(s) or its cited to establish the publication date of another on or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but than the priority date claimed | "T" later document published after the Interior priority date and not in conflict with citied to understand the principle or the invention of particular relevance; the cannot be considered novel or cannot involve an inventive step when the decument of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvious the art. '&' document member of the same patent Date of mailing of the international see | the application but early underlying the claimed invention to considered to coument is taken alone claimed invention eventive step when the one other such docu—us to a person skilled |
| | 7 May 2003 | 22/05/2003 | |
| | mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016 | Authorized officer Thumb, W | |



International Agention No PCT/EP 02/04153

| | | PCI/EF 02/04153 | |
|-------------|--|-----------------------|--|
| C.(Continua | ation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with Indication, where appropriate, of the relevant passages | Relevant to ctaim No. | |
| X | US 5 573 905 A (THE SCRIPPS RESEARCH INSTITUTE) 12 November 1996 (1996-11-12) cited in the application the whole document | 1-12, 19-22 | |
| Y | RAMSTRÖM OLOF ET AL: "Drug discovery by dynamic combinatorial libraries." NATURE REVIEWS. DRUG DISCOVERY. ENGLAND JAN 2002, vol. 1, no. 1, January 2002 (2002-01), pages 26-36, XP001147913 ISSN: 1474-1776 the whole document | 13–17 | |
| A | KENIRY MAX A: "Quadruplex structures in nucleic acids." BIOPOLYMERS, vol. 56, no. 3, 2000, pages 123-146, XP002240233 ISSN: 0006-3525 abstract | 8,13 | |
| | | | |
| | | - | |

PCT/EP 02/04153

Information in patent family members

| Patent document cited in search report | | Publication date | | Patent family member(s) | Publication date |
|---|---|---------------------|----------|----------------------------|--------------------------|
| DE 19619373 | A | 20-11-1997 | DE AU | 19619373 A1 718917 B2 | 20-11-1997 20-04-2000 |
| | | | AU | 2895397 A | 05-12-1997 |
| | | | CA | 2252815 A1 | 20-11-1997 |
| | | • | WO | 9743232 A1 | 20-11-1997 |
| | | | EP | 0931038 A1 | 28-07-1999 |
| | | | ĴΡ | 2000510136 T | 08-08-2000 |
| WO 0023458 | Α | 27-04-2000 | AU | 1318400 A | 08-05-2000 |
| | | | CA | 2346989 Al | 27-04-2000 |
| | | • | EP | 1123305 A1 | 16-08-2001 |
| | | | WO | 0023458 A1 | 27-04-2000 |
| DE 19741716 | A | 25-03-1999 | DE | 19741716 A1 | 25-03-1999 |
| | | | AU | 1334099 A | 12-04-1999 |
| | | | BR | 9812490 A | 26-09-2000 |
| | | | CA | 2303086 A1 | 01-04-1999 |
| | | | WO | 9915893 A1 | 01-04-1999 |
| | | | EP | 1018007 A1 | 12-07-2000 09-10-2001 |
| | | | · JP | 2001517795 T | U9-10-2001 |
| US 5573905 | Α | 12-11-1996 | AT | 193561 T | 15-06-2000 |
| | | | AU | 685050 B2 | 15-01-1998 |
| | | | AU | 3944993 A | 08-11-1993 |
| | | | CA | 2132103 A1 | 14-10-1993 06-07-2000 |
| | | | DE | 69328781 D1 | 26-04-2001 |
| | | | DE | 69328781 T2 643778 T3 | · 07-08-2000 |
| | | | DK | 0643778 A1 | 22-03-1995 |
| | | | EP ES | 2147197 T3 | 01-09-2000 |
| | | | JP | 7505530 T | 22-06-1995 |
| | | | US | 6060596 A | 09-05-2000 |
| | | | WO | 9320242 A1 | 14-10-1993 |
| | | | ÜS | 5723598 A | 03-03-1998 |